

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
3 November 2005 (03.11.2005)

PCT

(10) International Publication Number
WO 2005/102308 A2

(51) International Patent Classification⁷: A61K 31/198 (74) Agents: SWANSON & BRATSCHUN, LLC et al.; 1745 Shea Center Drive Suite 330, Highlands Ranch, Colorado 80129 (US).

(21) International Application Number: PCT/US2005/013709 (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GII, GM, IIR, IIU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(22) International Filing Date: 22 April 2005 (22.04.2005) (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

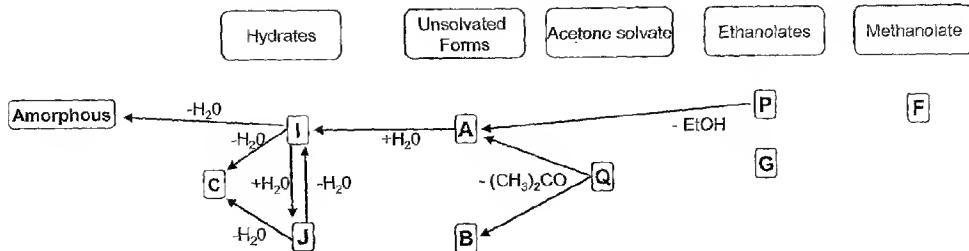
(25) Filing Language: English (71) Applicant (for all designated States except US): ALLOS THERAPEUTICS, INC. [US/US]; 11080 CirclePoint Road, Suite 200, Westminster, Colorado 80020 (US).

(26) Publication Language: English (72) Inventors; and (75) Inventors/Applicants (for US only): JOHNSON, Douglas, G. [US/US]; 6244 Devinney Circle, Arvada, Colorado 80004 (US). MURRAY, Chris [US/US]; 42 Summit Street, Arlington, Massachusetts 02474 (US). PARENT, Stephan, D. [US/US]; 2120 Cumulus Court, West Lafayette, Indiana 47906 (US). JONAITIS, David, T. [US/US]; 225 Perrin Avenue, Lafayette, Indiana 47901 (US).



(54) Title: CRYSTALLINE AND AMORPHOUS FORMS OF EFAPROXIRAL SODIUM

WO 2005/102308 A2



(57) Abstract: There are provided in accordance with the present invention crystalline forms A, B, C, F, G, I, J, P, and Q of efaproxiral sodium. Also provided is the amorphous form of efaproxiral sodium. Also provided are methods of forming the novel polymorphs and the amorphous form of efaproxiral sodium, therapeutic methods utilizing them and pharmaceutical dosage forms containing them.